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. S. PATE	NT DOCUMENTS							
caminer Cit		Publication MM-DD-Y		Name of Patentee or Applicant Cited Document		Pages, Columns, Lines, Where Releva Passages or Relevant Figures Appear		
	us-4078268	03-14-1978	B Pos	 sis.				
	us-4178639	12-18-197						
	us-427854	06-16-198						
	us-4276658	07-07-198	1 Han	son et al.				
	us-4357715	11-09-1982	2 Klav	vitter				
	us-4443894	04-241984	Klav	vitter				
	us-4451937	06-05-1984	4 Klav	vitter				
	us-4689046	08-25-1987	7 Bok	ros				
Ī	us-4692165	09-08-1987	7 Bok					
	us-4822353	04-18-1989	9 Bok			-		
	us-5123918	06-23-1992	2 Perr	ier et al				
	us-5147390	09-15-1992	2 Can	pbell				
	us-5171263	. 12-15-1992	2 Boy	er et al.				
	us-5178631	01-12-1993	3 Wai	s				
	us-5192313	03-09-1993	Bud	d et al		· · · · · · · · · · · · · · · · · · ·		
	us-5197980	03-30-1993	Gors	shkov et al.				
	us-5236451	08-17-1993	Bokros et al					
	us-5236451	08-17-1993	B Boki	ros et al				
	us-5207707	08-17-1993	3 Gou	rley				
	us-5236449	08-17-1993	B Boki	ros et al				
1-	us-5354330	10-11-1994	Han.	son et al.				
	us-5376111	12-27-1994	Boki	os et al.				
	us-5641324	06-24-1997		os et al.		· · · · · · · · · · · · · · · · · · ·		
	us-5824062	10-20-1998	B Patk	e et al.				
	us-6068657	05-302000	Lape	eyre	1			
	us-6315793	11-13-2001		os et al.				
DREIGN P	ATENT DOCUMENTS							
aminer Cité				Name of Patente	e or	Pages, Columns, Lines, Applicant of Cited		
ials- No.	1	Country Code*Number* Kind Code* (if known)		Document Where Relevant Passages Toor Relevant Figures Appe				
				 				
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This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box

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Paper	work Re	eduction Act of 1995, no persons are re	quired to respond to a	collection				B control number.		
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT					Application Number 10		10/7	10/717,817		
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	ENT	DOCUMENTS								
Examiner Initials*	Cite No.'	Document Number	Publication MM-DD-YY		Name of Patentee or Appli Cited Document		ant of	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear		
		us-3949062	04-06-1976	3	Veres	chagin et a	al.			
		us-4122636	10-31-1978	}	Roy e	t al.				
		us-4396663	08-02-1983		Mitch	ell et al.				
		us-4437962	03-20-1984		Banks					
		us-4490201	12-25-1984		Leeds					
		us-4504519	03-12-1985		Zelez					
		us-4770867	09-13-1988		Coulo	n et al.				
		us-4830702	05-16-1989		Singh et al.					
		us-4859493	08-22-1989		Lemelson					
		us-4876078	10-24-1989		Arakawa et al.					
		us-4900483	02-13-1990		Witzke et al.					
		us-4938940	07-03-1990		Hirose et al.					
		us-4940015	07-10-1990)	Kobas	shi et al.				
		us-4944904	07-31-1990)	Singh et al. Goforth					
		us-4958590	09-25-1990)						
		us-4961958	10-09-1990)	Despl	handey et a	al.			
		us-5008737	04-16-1991		Burnh	am et al				
		us-5093156	03-03-1992		Uemu	ıra et al.		·		
		us-5096352	03-17-1992		Lemelson					
		us-5102647	04-07-1992	•	Yama	da et al.				
		us-5126206	06-30-1992		Garg	et al.				
		us-5165909	11-24-1992		Tenne	ent et al.				
		us-5182166	01-26-1993	}	Burto	n et al				
FOREIGN	I PAT	ENT DOCUMENTS								
Examiner Initials-	Cite No.1	Cite Foreign Patent Document Pub			ation Date Name of Patentee of Document Where			Pages, Columns, Lines, Applicant of Cited nt Passages Tor Relevant Figures Appear		
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INFORMATION DISCLOSURE				7	Application Number 10		10/71	10/717,817		
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					Examiner Name					
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U. S. PA	TENT	DOCUMENTS				- 		-		
Examiner Cite Document Number Initials* No.'		Document Number	Publication I MM-DD-YY		Name of Patentee or Applicant of Cited Document			Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear		
	+	us-5597611	01-28-1997 11-17-1998 12-14-1999 09-24-2002 04-20-1993		Lennox et al. Ting et al Leluan et al Hiraoka et al Saijo et al.					
		us-5837081								
		us-6001419						· · · · · · · · · · · · · · · · · · ·		
-		us-6455160 B1								
		us-5204167								
		us-5217657 06-08-1993		!	Engle					
	us-5227142		07-13-1993		Murai et al.					
		us-5389400	02-14-1995	Ting et al.		et al.				
	us-5413866		05-09-1995	,	Baker et al. Lennox et al.					
		us-5597611	01-28-1997							
	us-5837081		11-17-1998	Ting et al.						
		us-6001419	12-14-1999		Jean-Luc Leluan et a		et a			
	us-6455160 09-24-2002			Hiraoka et al.						
FOREIG	N PAT	TENT DOCUMENTS								
	Cite No.1				ition Date Name of Patentee or Pages, Columns, Lines, Applicant of Cited D-YYYY Document Where Relevant Passages To Relevant Figures Appl					
	<u> </u>	Country Code ³ *Number* Kind Code* (if known)								
	<u> </u>									
Examiner Signature		Date Considered								

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Government Interests

The Government of the United States of America has rights in this invention pursuant to Grant No. 0231107 awarded by the National Science Foundation